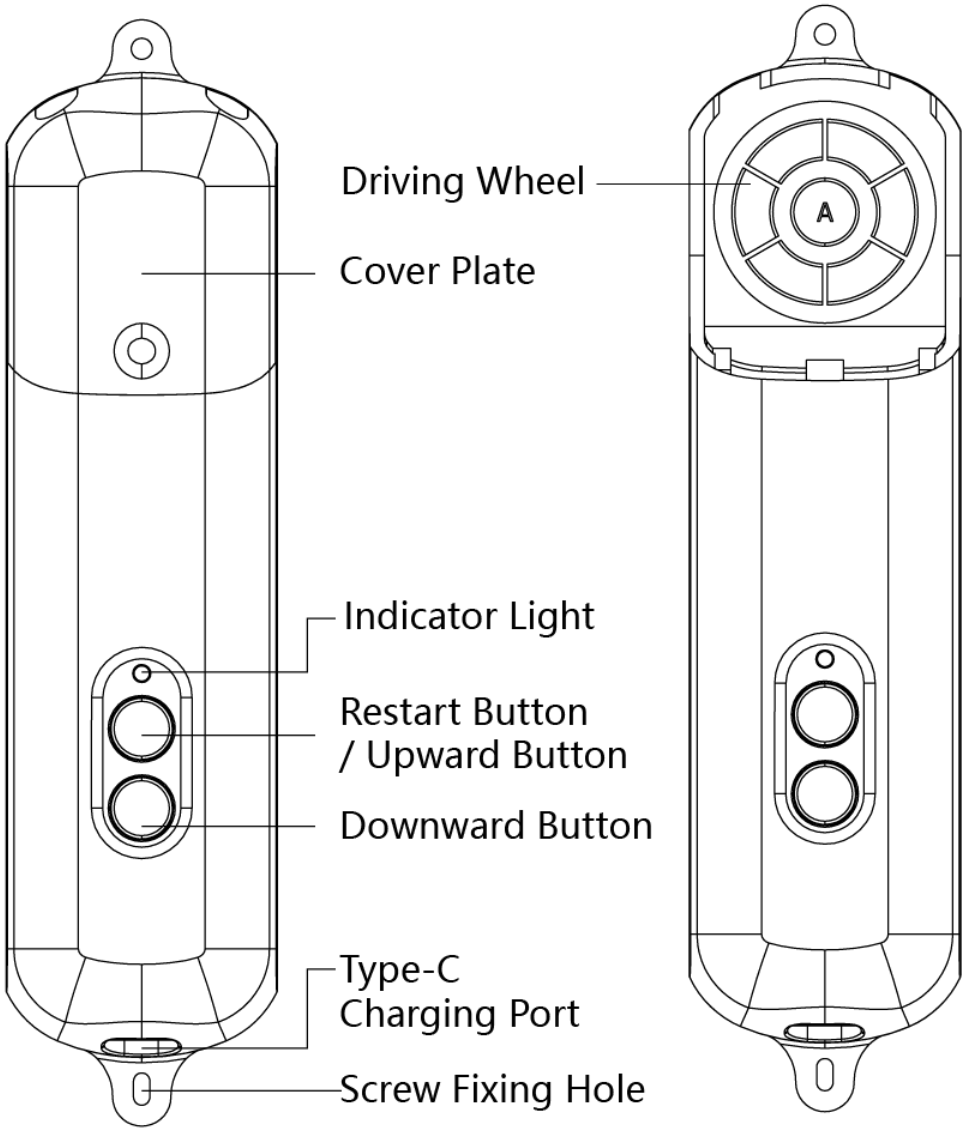
ADBMZ001

Product user manual

Product Overview



The roller shutter robot is an innovative smart home device that can convert traditional roller shutters in your home into smart ones. It features easy installation without the need to replace existing shutters. Adopting the ZigBee protocol and connecting to mobile apps via a ZigBee gateway, it enables you to effortlessly control the lifting and lowering of roller shutters. Equipped with a built-in timer function, it

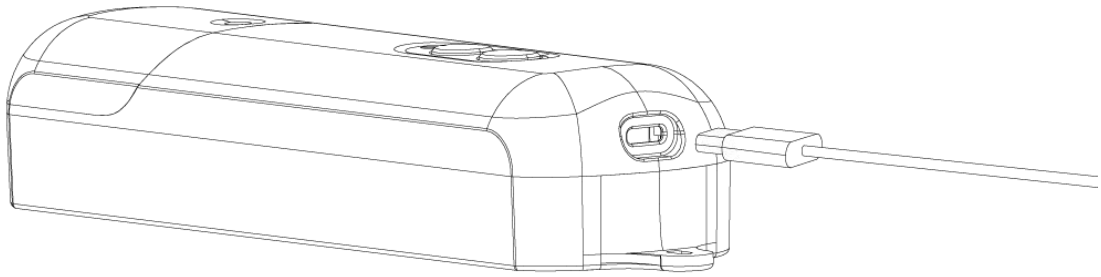
allows customized opening and closing schedules, supporting remote control and automated operation. It adds comfort and a modern touch to your home life, letting you enjoy the convenience of smart living.

App installation

Smart Life is a mobile platform used to control smart devices. You can search for "Smart Life" in the mobile app store to install the app.

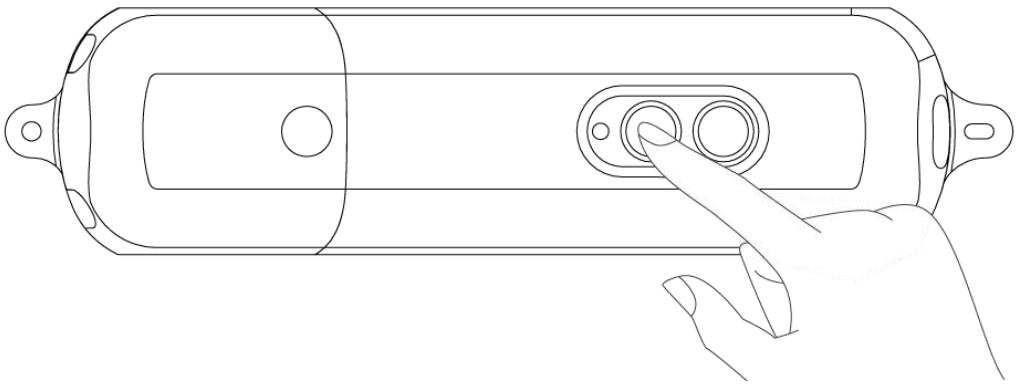
Device charging

We recommend using a 5V/1A power adapter with a Type-C charging cable to charge the product.

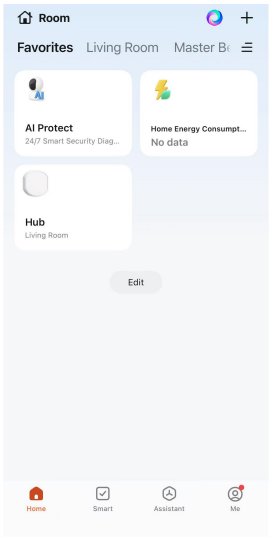


Device pairing

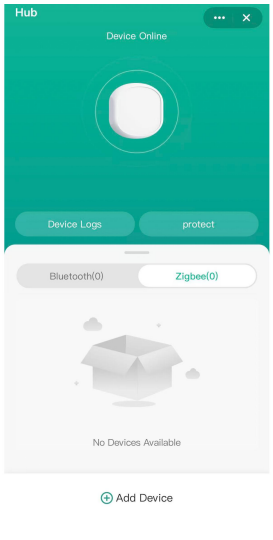
When pairing your rolling shutter robot with your APP account, you need to reset the device. Please press and hold the reset button for 5 seconds until the blue light starts flashing, at which point the device is already in a pairing state.



Tap the "+" icon at the top right corner in the app, then click the "Add Device" button. In the "Discover Devices" section, select "Curtain Robot" and click "Add". Follow the on-screen instructions to complete the device pairing

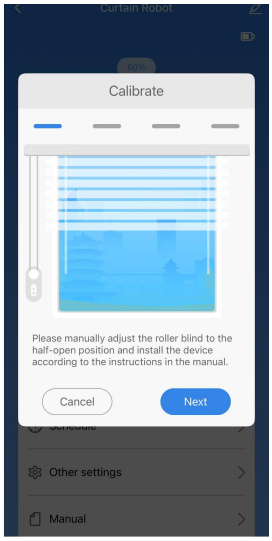


In the app,
select the Zigbee Smart Gateway



Tap “Add Device”

After the device is discovered,
tap “Next”



Complete the pairing process

Equipment installation

Preparation work:

Prepare tools and materials

- Roller shutter robot equipment
- Screwdriver (if required)
- Screws and other fixtures (usually provided with equipment)
- Mobile phone (for configuration)
- Bluetooth gateway (for remote control)

Step 1: Check equipment and accessories

Unboxing inspection: Open the packaging and confirm that all components are complete, including the main body of the rolling shutter robot, screws, foam and other accessories.

Step 2: Prepare the installation location

1. Clean the surface: Ensure that the installation surface is clean and dust-free to better secure the equipment.

2. Connect the driving wheel and the bead chain: Determine the installation position of the rolling shutter robot, connect the product driving wheel and the bead, ensure tight connection, and avoid sliding or loosening.

Step 3: Fix the rolling shutter robot and start phone calibration

Secure the roller shutter robot and start phone calibration: Use the included screws or other fixing accessories to securely install the roller shutter robot on the wall or other selected location.

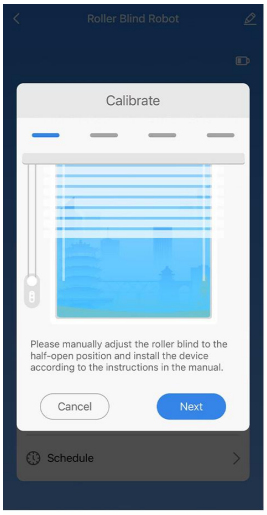
After installation, open the application and follow the prompts to initialize and calibrate the device to ensure that the rolling shutter robot can accurately control the opening and closing of the rolling shutter.

Equipment control

Roller shutter calibration

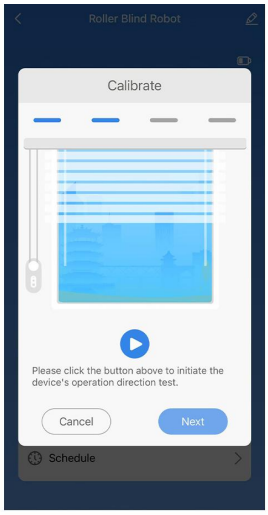
Before using the rolling shutter robot, please calibrate the rolling shutter robot through the following steps:

1. After entering the equipment panel, click "Motion Calibration".
2. According to the prompt, pull the roller shutter to the half-open state and click "Next".
3. According to the page, click the "Open button" in the figure to perform the direction test.
4. After confirming the rotation direction, click "Next" according to the page prompts.
5. Click the "Open button", and when the shutter is fully open, click the "End button" to record the starting position information.
6. Click the "Start button" when the roller shutter is completely closed, click the "End button" to record the end position to complete the calibration.



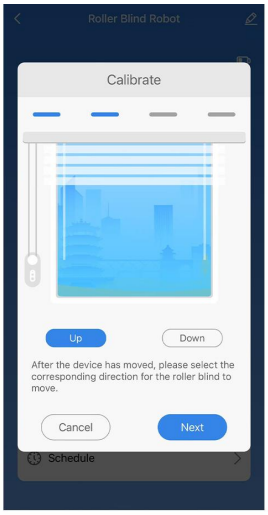
1-2

After entering the device panel, click "Calibrate". According to the prompt, pull the roller blind to the half-open state and click "Next".



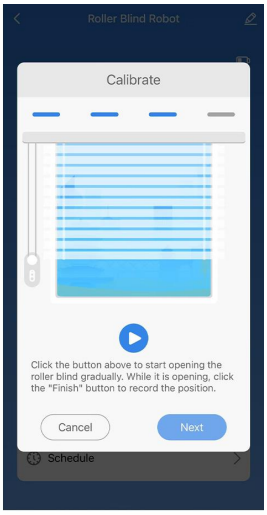
3

According to what is shown on the page, click the "On Button" in the picture to conduct the



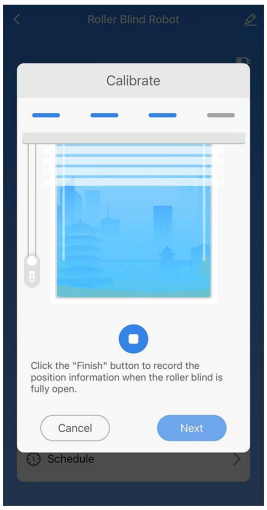
4

After confirming the rotation direction, click "Next" according to the page prompt.



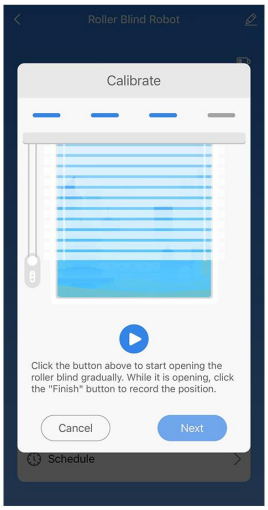
5

Click the "On Button".



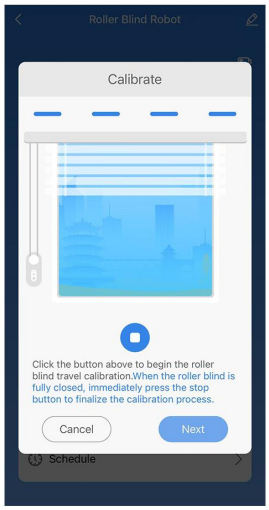
5

When the roller blind is fully opened, click the "End Button" to record the starting position information.



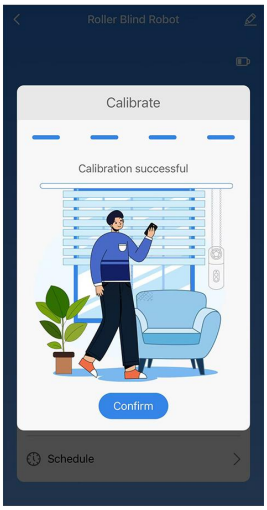
6

Click the "On Button".



6

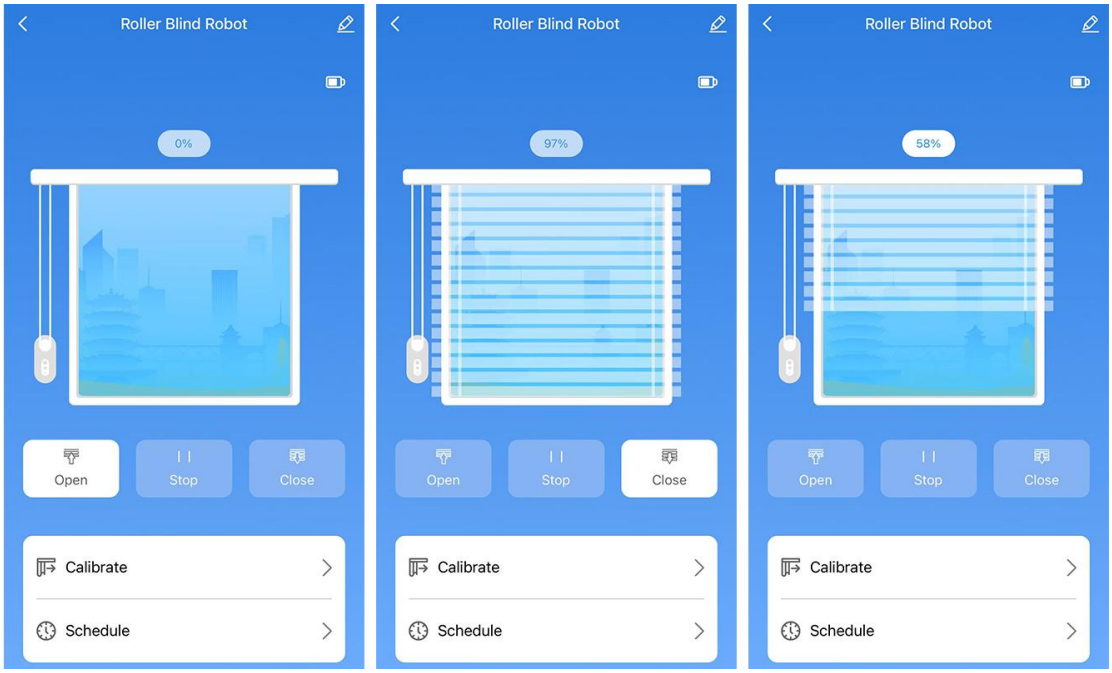
When the roller blind is completely closed, click the "End Button" to record the end position and complete the calibration.



Click "Comfirm" to complete the calibrate

Action triggered

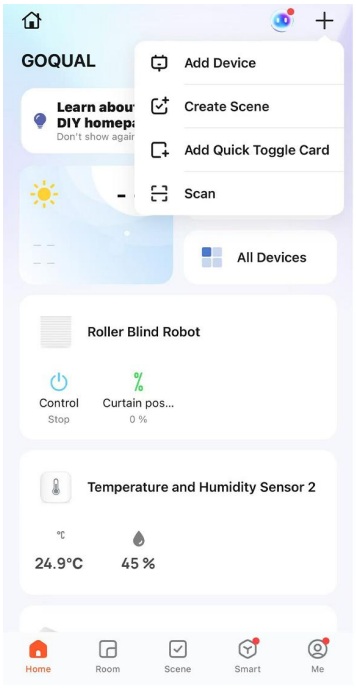
After entering the equipment panel, click the enable icon, and the rolling shutter robot will move in the direction of opening the rolling shutter; click the close icon, and the rolling shutter robot will move in the direction of closing the rolling shutter. If the signal is good, the action will be triggered within 3 seconds. If you need to adjust the rolling shutter to any position, you can slide up and down through the rolling shutter picture to any position you want to reach.



Scene control (remote needs to be used in conjunction with gateway)

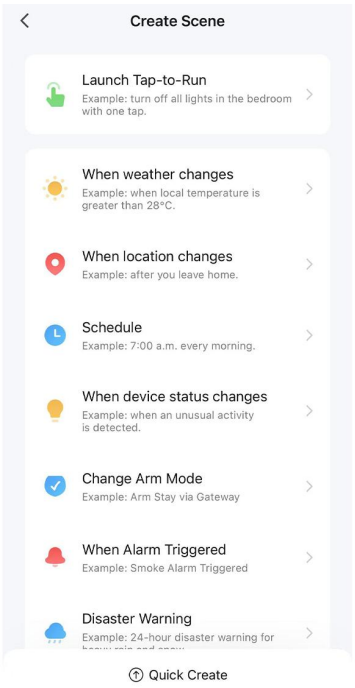
After completing the roller shutter calibration work, the opening or closing of the roller shutter can be remotely or individually controlled through the following steps:

1. Click the plus sign in the upper right corner of the Tuya Smart APP
2. Click Create Scene.
3. Click to execute with one click.
4. Select Add Task in the Execute Task box.
5. Select control of a single device in the task selection box, select the rolling shutter robot to be controlled, and select on/off under control
6. Repeat step 5 to add the rolling shutter robot on the other side.
7. Create a name for one-click execution, such as rolling shutter full open, rolling shutter full close, etc.



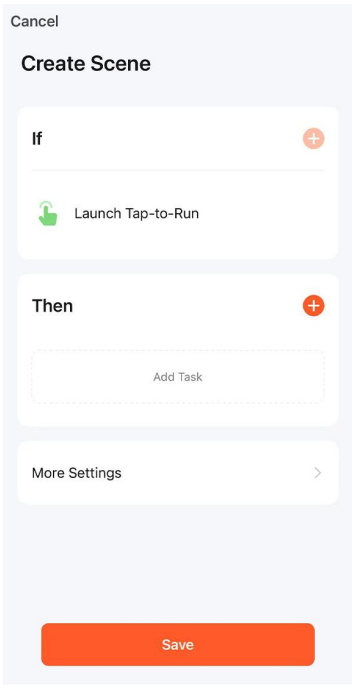
1-2

Open the Tuya Smart APP, click the "+", click "Create Scene"



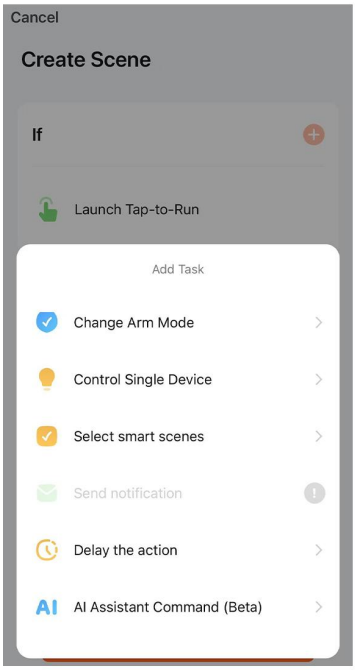
3

Click "Launch Tap-to-Run"



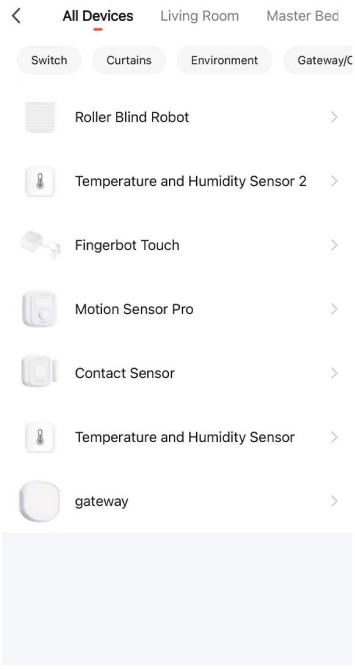
4

In the "Then" area, find and click the "Add Task" button.



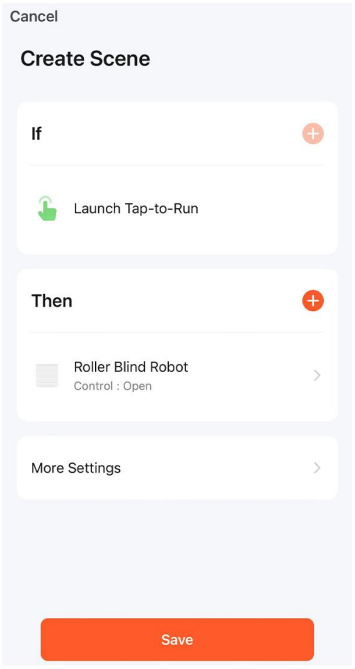
5

In the pop-up "Add Task", select "Control Single Device"



5

Select the roller shutter robot to be controlled and choose "Open/Close" under control.



6-7

Repeat step 5 to add the roller shutter robot on the other side. Create a name for the one - Launch Tap-to-Run

Warning

This product is not waterproof. It contains batteries, so it is prohibited to use in humid and high-temperature environments. Do not obstruct the movement of the curtain

robot during operation. Otherwise, it may cause damage to the internal mechanical structure and damage to the motor inside the robot.

Specification parameters

Dimensions: 209 x 52 x 38 mm

Weight: 249 g

Battery type : 3.7V lithium battery 2000 mAh

Charging port: Type-C

Wireless protocol: Zigbee

Working temperature : 0 C~45 C / 32°F ~ 113°F

Working humidity: : 0 ~ 95% RH, non-condensing

Power Input：DC 5V/1A

Package content: 1 roller blind robot , 2 × screws , 2 × foam stickers

FCC Warnning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.